

INTERNATIONAL SEARCH REPORT

Intel nal Application No
PCT/US 03/07790

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B60N2/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B60N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | US 1 887 947 A (LOUIS C. SVALE) 15 November 1932 (1932-11-15) page 3, left-hand column, line 3 - line 54; figures 1-7 | 1 10,18,20 |
| A | US 5 195 795 A (RAYMOND C. CANNARA ET AL.) 23 March 1993 (1993-03-23) abstract column 2, line 50 - column 3, line 2 column 4, line 3 - line 36; figures 1,2,4 | 1-6, 10-20 |
| A | FR 570 858 A (M. BERNARD PODIEBRAD) 8 May 1924 (1924-05-08) the whole document | 1-6, 10-14,20 |
| A | -& FR 29 035 E (M. BERNARD PODIEBRAD) 19 May 1925 (1925-05-19) the whole document | 1-14 |
| | --- -/- | |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

23 June 2003

Date of mailing of the international search report

01/07/2003

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|--|-----------------------|
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | US 5 570 931 A (ELIZABETH M. KARGILIS ET AL.) 5 November 1996 (1996-11-05) abstract; figures 1-5 ----- | 1-20 |

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PCT/US 03/07790

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|----------------------------|---------------------|
| US 1887947 | A | 15-11-1932 | NONE | |
| US 5195795 | A | 23-03-1993 | NONE | |
| FR 570858 | A | 08-05-1924 | NONE | |
| US 5570931 | A | 05-11-1996 | NONE | |